

perpendicular to the adhesion surface, preferably about ca. the central longitudinal axis of the metallic body.

On page 3, before paragraph 9, insert as follows:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

IN THE CLAIMS:

Please amend claim 1 as follows:

Please note that claim 1 is presented below in its amended form. It is further presented as an Attachment to the Amendment whereby the amendments to the claim is outlined using the conventional method of bracketing and underlining.

1. (Amended) A metallic body, to be bonded to the outside of a housing of a machine, especially a vibrating machine, said metallic body comprising a housing or shell of a sensor, said sensor capable of converting a physical quantity, in particular a physical quantity related to one or more aspects of mechanical vibration, into a corresponding electrical signal, or said metallic body comprising an adaptor for attaching said sensor to the housing of the machine, said body further comprising a substantially flat adhesion surface, characterized in that said adhesion surface is adapted to accept a layer of adhesive thereon and is provided with an undercut portion which forms a shoulder and an acute, wedge-shaped edge with the periphery of said adhesion surface, said wedge-shaped edge oriented to face away from said adhesion surface and to oppose said shoulder.

Please add new claims 2-7 as follows:

--2. Body according to claim 1, characterization in that from out of said adhesion surface at least near the center of said surface, a stud extends perpendicular to said surface, said stud insertible into a hole or bore which extends from an opposite adhesion surface of the housing of the machine at least near the center of the opposite adhesion surface perpendicularly into the housing of the machine, and which stud is provided with a thread for thread-grooving interaction with a wall of said hole or bore.

3. Body according to claim 1, characterized by a hole or bore situated at least near the center of said adhesion surface of said body and extending perpendicularly into said body.

4. Body according to claim 2, characterized in that said stud is removably inserted into said hole or bore of the adhesion surface of said body.

5. Body according to claim 2, in that the cross-section of said thread-grooving stud shows the shape of a polygon.

6. Body according to claim 1, characterized by a group of grooves formed into the adhesion surface of said body for improving the bonding strength between the layer of adhesive and said adhesion surface.

7. Body according to claim 6, characterized by grooves from the group of grooves on said adhesion surface of said body, said grooves having shapes of arcs and have intersection points in common.

8. Body according to claim 6, characterized by grooves from the group of grooves on said adhesion surface of said body, said grooves exhibiting curvatures corresponding to arcs of circles.

9. A body adapted to be attached to a surface, said body comprising a substantially flat adhesion surface, said adhesion surface comprising a group of grooves formed into said adhesion surface, said grooves adapted to improve the strength of a bond between an adhesive material and said adhesion surface, said body further comprising an undercut portion forming an acute, wedge-shaped edge towards a central volume part of the body with the periphery of said adhesion surface.

10. A body adapted to be bonded to the outside of a housing of a machine, said body comprising a substantially flat adhesion surface provided with an undercut portion, said